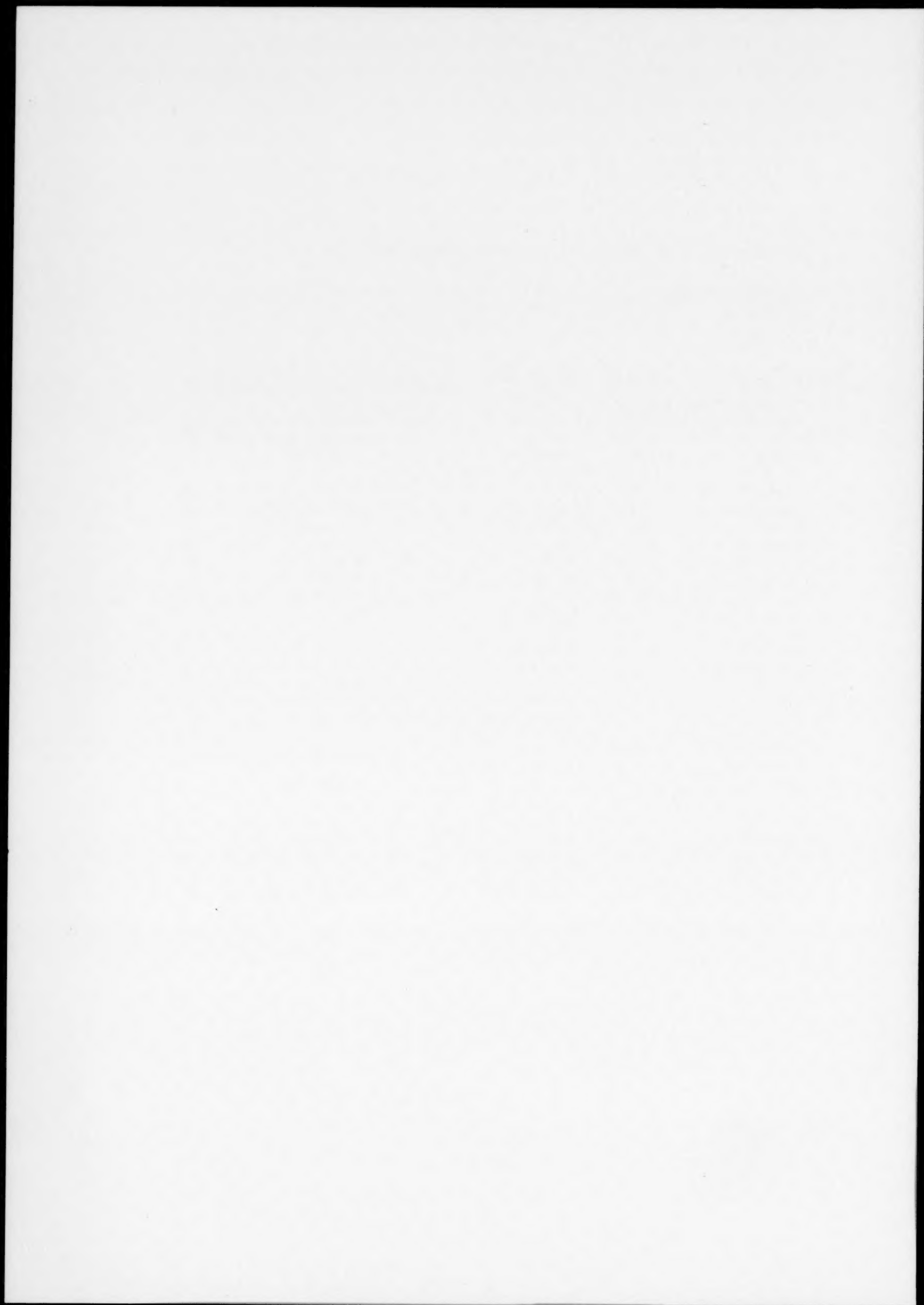


## MECHANISMS OF AGEING AND DEVELOPMENT

### AUTHOR INDEX

*Volume 59 (1991)*

Anson, J.	111	Johnson, M.D.	17	Reinhardt, K.	299
Barja De Quiroga, G.	129	Juckette, D.A.	139	Riggs, J.E.	79, 215
Boland, K.M.	253	Kashiwamata, S.	163	Roberts, J.	17
Brunk, U.T.	95	Kato, K.	163	Robinson, A.B.	47
Bunag, R.D.	197	Katoh-Semba, R.	163	Robinson, L.R.	47
		Krishna Rao, K.M.	253	Rosenberg, B.	139
Campbell, C.B.	243			Salerno, S.	27
Candnore, G.	27	Laurent, G.L.	229	Sambursky, S.S.	1
Caruso, G.	27	Lopez-Torres, M.	129	Sangiorgi, G.B.	27
Cohen, H.J.	253	Lorenzo, G.D.	27	Scott, R.B.	153
Collins, J.M.	153	Lough, J.	299	Semba, R.	163
Crescimanno, G.	27	Lu, M.H.	111	Shimokawa, I.	69
				Shumiya, S.	263
Darad, R.	123	Machado, A.	291	Spriet, L.L.	243
De, A.K.	123	MacLeod, I.	37		
Dutartre, P.	275	Mailer, K.	37	Taylor, J.R.	153
Dyck, D.J.	243	Mays, P.K.	229	Teräväinen, T.-L.	197
		McAnulty, R.J.	229	Tumer, N.	17
Enesco, H.E.	69	McClish, D.K.	153	Tummino, P.J.	177
		McLean Grogan, W.	153	Turturro, A.	111
Gafni, A.	177	Modica, M.A.	27		
Gatsko, G.G.	1	Morris, W.	37	Villeponteau, B.	189
Gordillo, E.	291	Mortimer, M.L.	17	Wunsch, A.M.	299
Hart, R.W.	111	Ohsawa, T.	263	Yegutkin, G.G.	1
Hinson, W.G.	111			Yin, D.	95
		Pascal, M.	275	Yu, B.P.	69
Ingrassia, A.	27	Perez-Campo, R.	129		
Irving, J.	189	Pikaart, M.	189	Zhitkovitch, A.V.	1
		Portelli, M.R.	27		



## MECHANISMS OF AGEING AND DEVELOPMENT

### SUBJECT INDEX

*Volume 59 (1991)*

- Adenine nucleotide translocase, liver mitochondria, respiration, aging, 177
- Age, thymectomy, immune competence, mouse, experimental model, 275
- Age-related diseases, human mortality, disease cohorts, population, 139
- Aged skeletal muscle, glycolysis,  $H^+$  content, anaerobic metabolism, 243
- Ageing, blood pressure measurement, rat strains, systolic hypertension, 197
- Ageing, free radical, vitamin E, ascorbic acid, reduced glutathione, superoxide dismutase, catalase, 123
- Ageing, nerve growth factor, mice, 163
- Ageing, protein synthesis, protein degradation, rat, 229
- Aging, brown fat, superoxide dismutase, catalase, glutathione, peroxidation, free radicals, 129
- Aging, cell cycle analysis, dietary restriction, bone marrow, kidney, rat, 111
- Aging, dietary restriction, liver polyploidy, 69
- Aging, human, analysis, pattern, urine, quantitative, 47
- Aging, liver mitochondria, respiration, adenine nucleotide translocase, 177
- Aging, lung cancer, mortality, epidemiology, gompertzian analysis, 79
- Aging, 6-phosphogluconate dehydrogenase, erythrocyte, 291
- Aging, plasma membranes, composition, fluidity, lipid-protein interaction, 1,6-diphenyl-1,3,5-hexatriene and pyrene probes, insulin binding, 1
- Aging, senescence-accelerated mouse, senescence, mouse brain, ganglioside, 263
- Aging, stomach cancer, mortality, epidemiology, 215
- Alzheimer's disease, membrane rigidity, peripheral blood, leukocytes, flow cytometry, 153
- Anaerobic metabolism, aged skeletal muscle, glycolysis,  $H^+$  content, 243
- Analysis, aging, human, pattern, urine, quantitative, 47
- Ascorbic acid, ageing, free radical, vitamin E, reduced glutathione, superoxide dismutase, catalase, 123
- Autofluorescence, lipofuscin, spectral discrepancies, inner filter effect, metachromasia, 95
- Beta adrenoceptor, presynaptic receptor, Fischer 344 rat, 17
- Blood pressure measurement, ageing, rat strains, systolic hypertension, 197
- Bone marrow, cell cycle analysis, dietary restriction, aging, kidney, rat, 111
- Brown fat, aging, superoxide dismutase, catalase, glutathione, peroxidation, free radicals, 129
- Cardiomyopathic hamsters, superoxide dismutase, glutathione peroxidase, catalase, 37
- Catalase, ageing, free radical, vitamin E, ascorbic acid, reduced glutathione, superoxide dismutase, 123
- Catalase, aging, brown fat, superoxide dismutase, glutathione, peroxidation, free radicals, 129
- Catalase, cardiomyopathic hamsters, superoxide dismutase, glutathione peroxidase, 37
- Cell cycle analysis, dietary restriction, aging, bone marrow, kidney, rat, 111
- Chicken erythrocytes, senescence, histones, phosphorylation, 189
- Composition, aging, plasma membranes, fluidity, lipid-protein interaction, 1,6-diphenyl-1,3,5-hexatriene and pyrene probes, insulin binding, 1
- Dietary restriction, cell cycle analysis, aging, bone marrow, kidney, rat, 111
- Dietary restriction, liver polyploidy, aging, 69
- 1,6-Diphenyl-1,3,5-hexatriene and pyrene probes, aging, plasma membranes, composition, fluidity, lipid-protein interaction, insulin binding, 1
- Disease cohorts, human mortality, age-related diseases, population, 139

- Dystrophic muscle differentiation, histone variants, 299
- Elderly, T cells, soluble form of receptor for IL-2 (sIL-2R), 27
- Epidemiology, lung cancer, mortality, aging, gompertzian analysis, 79
- Epidemiology, stomach cancer, mortality, aging, 215
- Erythrocyte, aging, 6-phosphogluconate dehydrogenase, 291
- Experimental model, age, thymectomy, immune competence, mouse, 275
- Fischer 344 rat, beta adrenoceptor, presynaptic receptor, 17
- Flow cytometry, alzheimer's disease, membrane rigidity, peripheral blood, leukocytes, 153
- Flow cytometry, kinetics of capping, metabolic inhibitors, 253
- Fluidity, aging, plasma membranes, composition, lipid-protein interaction, 1,6-diphenyl-1,3,5-hexatriene and pyrene probes, insulin binding, 1
- Free radical, ageing, vitamin E, ascorbic acid, reduced glutathione, superoxide dismutase, catalase, 123
- Free radicals, aging, brown fat, superoxide dismutase, catalase, glutathione, peroxidation, 129
- Ganglioside, senescence-accelerated mouse, senescence, aging, mouse brain, 263
- Glutathione, aging, brown fat, superoxide dismutase, catalase, peroxidation, free radicals, 129
- Glutathione peroxidase, cardiomyopathic hamsters, superoxide dismutase, catalase, 37
- Glycolysis, aged skeletal muscle,  $H^+$  content, anaerobic metabolism, 243
- Gompertzian analysis, lung cancer, mortality, aging, epidemiology, 79
- $H^+$  content, aged skeletal muscle, glycolysis, anaerobic metabolism, 243
- Histones, chicken erythrocytes, senescence, phosphorylation, 189
- Histone variants, dystrophic muscle differentiation, 299
- Human, aging, analysis, pattern, urine, quantitative, 47
- Human mortality, disease cohorts, age-related diseases, population, 139
- Immune competence, age, thymectomy, mouse, experimental model, 275
- Inner filter effect, lipofuscin, autofluorescence, spectral discrepancies, metachromasia, 95
- Insulin binding, aging, plasma membranes, composition, fluidity, lipid-protein interaction, 1,6-diphenyl-1,3,5-hexatriene and pyrene probes, 1
- Kidney, cell cycle analysis, dietary restriction, aging, bone marrow, rat, 111
- Kinetics of capping, metabolic inhibitors, flow cytometry, 253
- Leukocytes, alzheimer's disease, membrane rigidity, peripheral blood, flow cytometry, 153
- Lipid-protein interaction, aging, plasma membranes, composition, fluidity, 1,6-diphenyl-1,3,5-hexatriene and pyrene probes, insulin binding, 1
- Lipofuscin, autofluorescence, spectral discrepancies, inner filter effect, metachromasia, 95
- Liver mitochondria, respiration, adenine nucleotide translocase, aging, 177
- Liver polyploidy, dietary restriction, aging, 69
- Lung cancer, mortality, aging, epidemiology, gompertzian analysis, 79
- Membrane rigidity, alzheimer's disease, peripheral blood, leukocytes, flow cytometry, 153
- Metabolic inhibitors, kinetics of capping, flow cytometry, 253
- Metachromasia, lipofuscin, autofluorescence, spectral discrepancies, inner filter effect, 95
- Mice, nerve growth factor, ageing, 163
- Mortality, lung cancer, aging, epidemiology, gompertzian analysis, 79
- Mortality, stomach cancer, aging, epidemiology, 215
- Mouse, age, thymectomy, immune competence, experimental model, 229
- Mouse brain, senescence-accelerated mouse, senescence, aging, ganglioside, 263
- Nerve growth factor, ageing, mice, 163
- Pattern, aging, human, analysis, urine, quantitative, 47
- Peripheral blood, alzheimer's disease, membrane rigidity, leukocytes, flow cytometry, 153
- Peroxidation, aging, brown fat, superoxide dismutase, catalase, glutathione, free radicals, 129

- 6-Phosphogluconate dehydrogenase, aging, erythrocyte, 291
- Phosphorylation, chicken erythrocytes, senescence, histones, 189
- Plasma membranes, aging, composition, fluidity, lipid-protein interaction, 1,6-diphenyl-1,3,5-hexatriene and pyrene probes, insulin binding, 1
- Population, human mortality, disease cohorts, age-related diseases, 139
- Presynaptic receptor, beta adrenoceptor, Fischer 344 rat, 17
- Protein degradation, ageing, protein synthesis, rat, 229
- Protein synthesis, ageing, protein degradation, rat, 229
- Quantitative, aging, human, analysis, pattern, urine, 47
- Rat, ageing, protein synthesis, protein degradation, 229
- Rat, cell cycle analysis, dietary restriction, aging, bone marrow, kidney, 111
- Rat strains, ageing, blood pressure measurement, systolic hypertension, 197
- Reduced glutathione, ageing, free radical, vitamin E, ascorbic acid, superoxide dismutase, catalase, 123
- Respiration, liver mitochondria, adenine nucleotide translocase, aging, 177
- Senescence, chicken erythrocytes, histones, phosphorylation, 189
- Senescence, senescence-accelerated mouse, aging, mouse brain, ganglioside, 263
- Senescence-accelerated mouse, senescence, aging, mouse brain, ganglioside, 263
- Soluble form of receptor for IL-2 (sIL-2R), T cells, elderly, 27
- Spectral discrepancies, lipofuscin, autofluorescence, inner filter effect, metachromasia, 95
- Stomach cancer, mortality, aging, epidemiology, 215
- Superoxide dismutase, ageing, free radical, vitamin E, ascorbic acid, reduced glutathione, catalase, 123
- Superoxide dismutase, aging, brown fat, catalase, glutathione, peroxidation, free radicals, 129
- Superoxide dismutase, cardiomyopathic hamsters, glutathione peroxidase, catalase, 37
- Systolic hypertension, ageing, blood pressure measurement, rat strains, 197
- Thymectomy, age, immune competence, mouse, experimental model, 275
- T cells, elderly, soluble form of receptor for IL-2 (sIL-2R), 27
- Urine, aging, human, analysis, pattern, quantitative, 47
- Vitamin E, ageing, free radical, ascorbic acid, reduced glutathione, superoxide dismutase, catalase, 123



